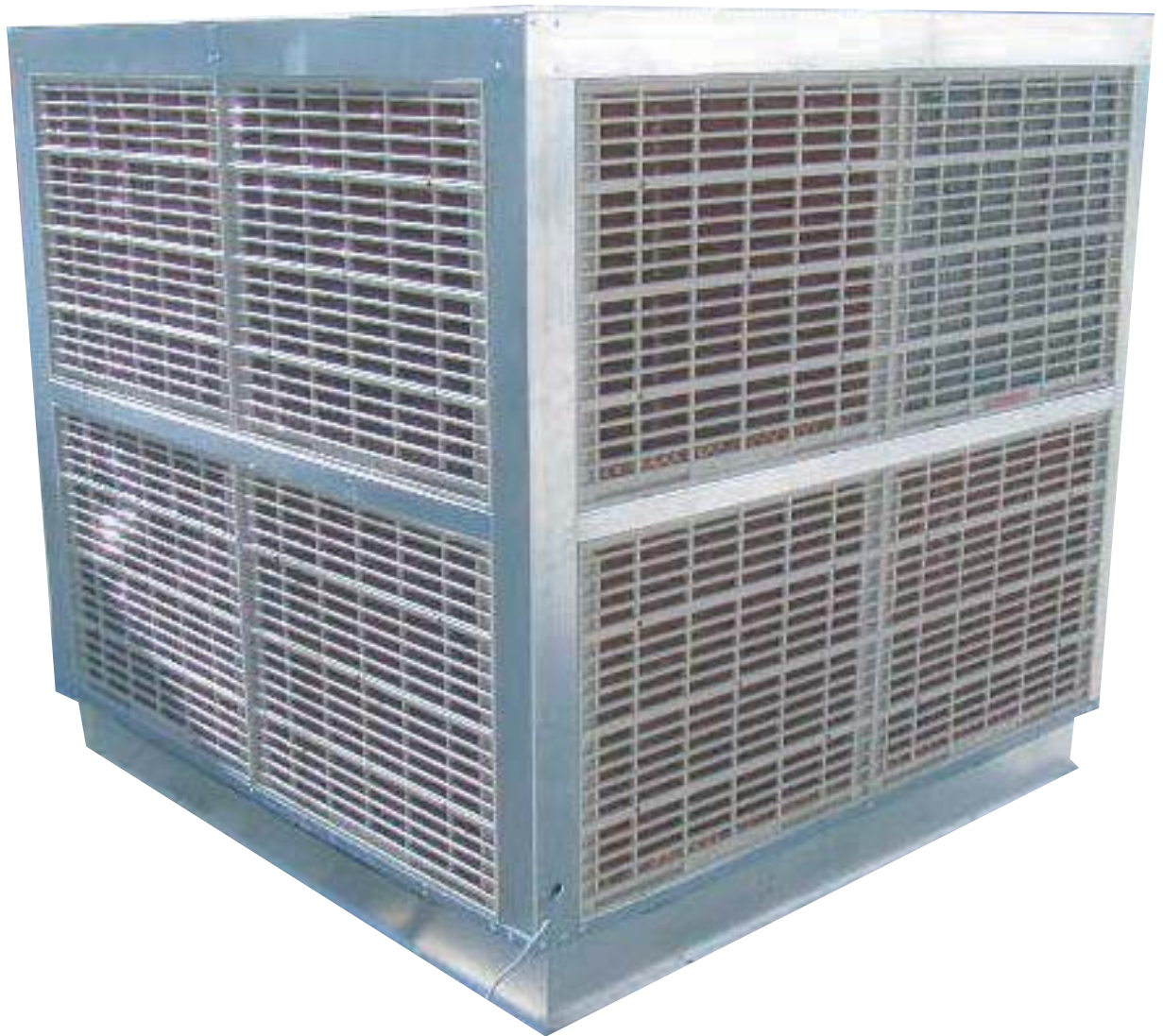


# RPX900D

INDUSTRIAL  
EVAPORATIVE  
AIR COOLERS



Assembly  
Instructions

**Breezair**®  
Advanced natural cooling

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## IMPORTANT NOTICE

The assembly of evaporative air conditioning units has the potential to create Occupational Health and Safety issues for those involved. Assemblers are advised to ensure they are familiar with relevant State and Federal legislation, such as Acts, Regulations, approved Codes of Practice and Relevant Standards, which offer practical guidance on these health and safety issues. Companies with these regulations will require appropriate work practices, equipment, training and qualification of workers.

**Note:**

Stainless steel bolts and nuts are used in the assembly of coolers.

A thread lubricating compound anti seize should be used at assembly.

(Anti Seize not supplied)

### Tools Required



**Pneumatic Drill.**



**Pneumatic Driver.**



**Pneumatic Riveter  
Long nose type.**



**Pneumatic Silicone  
Applicator.**



## Tools Required cont.



Screwdriver No3.



Spanners 10 and 13mm



Hex Key 4mm.



Hex Key 5mm.



Metal twist drill 5mm



Metal twist drill 6.5mm



Metal twist drill 12.5mm.



Pliers.







**Installing Fan Housing to Tank. Step 1 of 5.**

Select Base Frame and Tank Assembly for Down discharge model.



1

Place supplied Template to top of Tank.

2



Align holes with template bolts.

3



Mark with text pen, inside edge of template.

4



Drill 6 mm hole to corners of template. Total four.

5



Remove template, place 20 mm hole saw to 6mm hole and drill through. Total four.

6



Use Jig saw and cut along marked line.





**Installing Fan Housing to Tank. Step 2 of 5.**

**Installing Base Channels.**



Tank to accept square end of Fan Housing.



Place Base Channels on Base Frame Assembly.

R/H Base Channel  
Part No 623160.

L/H Base Channel  
Part No 627168.

Base Frame Assembly.



Note:  
Position of Base Channel to Base Frame Assembly  
Insert holes for motor platform nearest to drain hole.

Drain Hole.

Align Base Channel holes with Base Frame holes.





**Installing Fan Housing to Tank. Step 3 of 5.**

*All holes and fasteners will need to be sealed to ensure there are no water leaks outside the cooler.  
"Virginia" Sealing Putty has been supplied for this task.*






Place Sealing Putty to Base Frame Assembly. Clear hole before fitting channel.

Base Frame Assy.

Secure Base Channel to Base Frame.



| BOLT   | NUT   | WASHER  |
|--|---|---|
|  |  |  |
| M8x30  | M8  | 8x19mm  |
| P/NO 628257  | P/No 628288   | P/No WAS163   |

At this stage do not fully tighten bolts. Refer to notes on Page 17.

Repeat process for other ends of Base Channels.







**Installing Fan Housing to Tank. Step 4 of 5.**



Use lifting crane to raise Fan Housing and H-Frame Assembly over Base Frame Assembly.

Align and lower bottom of fan housing to Tank cut out.




Align bottom hole of vertical channel to Base channel holes.

**Secure Vertical Channel to Base Channel**



H-Frame Vertical Channel.

Base Channel.

| BOLT  | NUT   | WASHER  |
|---|---|---|
|  |  |  |
| M8x20   | M8  | 8x19mm  |
| P/NO 628240   | P/No 628288   | P/No WAS163   |

Note: 2 Bolts, 4 Washers and 2 Nuts per vertical Channel.



Repeat process for other three vertical channels.







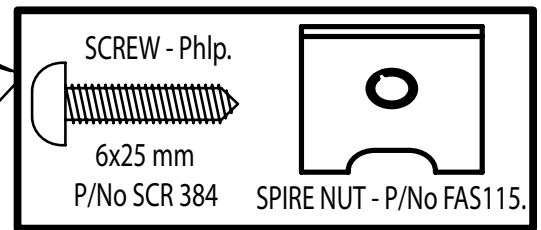
## Installing Fan Housing to Tank. Step 5 of 5.

Securing Base Channel to Fan Housing.



Secure Base Channel to Fan Housing.

Fix two Screws between Fan Housing and Base Channel.



Fit Spire Nut to end of Screws. Inside of Fan Housing.

Note: The Spire Nut can be fitted when Fan Housing assembly is tilted. Refer to notes on Page 13.

Repeat process for opposite side.





**Installing Top Channel.**






Install Top/Bearing Channel to Vertical Channels.

Part N/o 623139



Secure Channels.  
Tighten all bolts.

|  |   |  |
|--|---|--|
| <br>BOLT<br>M8x20<br>P/N0 628240 | <br>NUT<br>M8<br>P/No 628288 | <br>WASHER<br>8x19mm<br>P/No WAS163 |
|--|---|--|

Repeat process for other end.

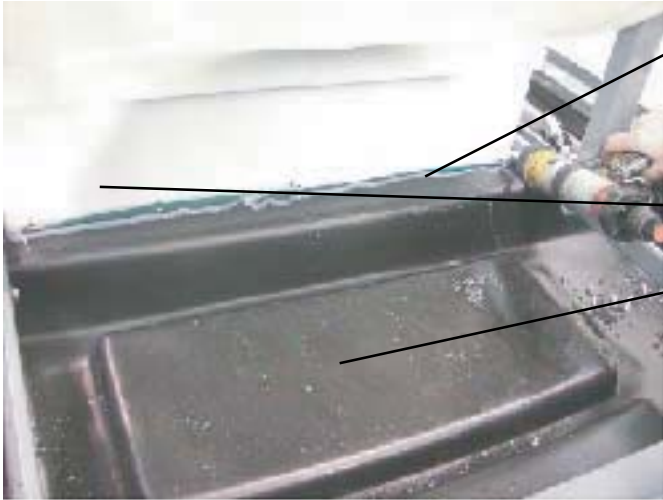


Repeat process for opposite side.





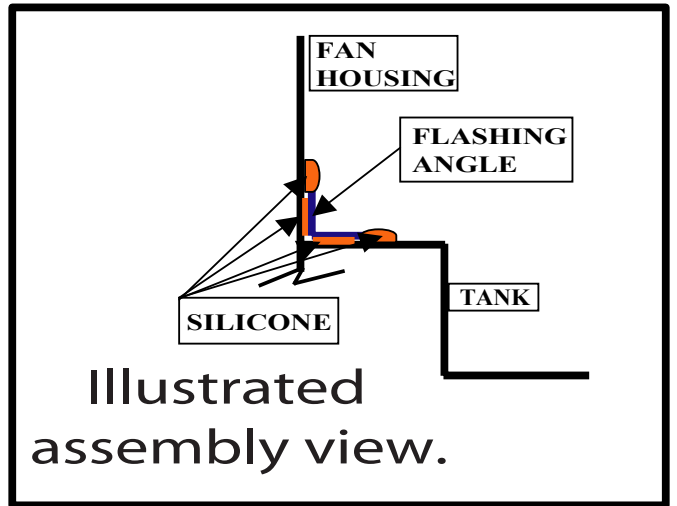
**Sealing Fan Housing to Tank. Step 1 of 2.**



Apply a generous bead of silicone sealant along Fan Housing and Tank.

Fan Housing

Tank



Apply silicone sealant bead to Flashing Angle.

Flashing Angle  
P/No 100152



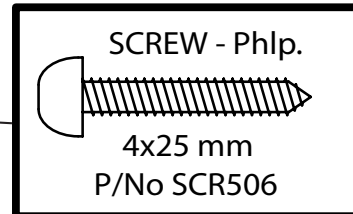
Place Flashing Angle to Fan Housing and Tank.



**Sealing Fan Housing to Tank. Step 2 of 2.**



Secure Flashing Angle to Fan Housing and Tank, with supplied screws: Total 10 places.



Note: If end of fan housing bows inwards and cannot be easily fixed, a special clamp can be utilised to aid fixing. P49 has details to enable manufacture of clamp.



Apply additional silicone to top and bottom edge of Flashing Angle.



Check that silicone has a good seal to Fan Housing and Tank. Smooth out silicone to give neat appearance.

Repeat Steps 1 & 2 for opposite side.





**Sealing Fan Housing to Tank Bottom.**

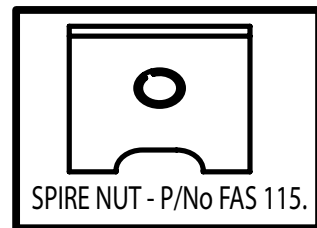


Use crane to tilt cooler.



Silicone sealant between Fan Housing and Tank, apply thick bead to all four sides.

Fit spire nut to ends of screws.  
Refer to notes on Page 9.



Use crane and raise cooler to up right position.

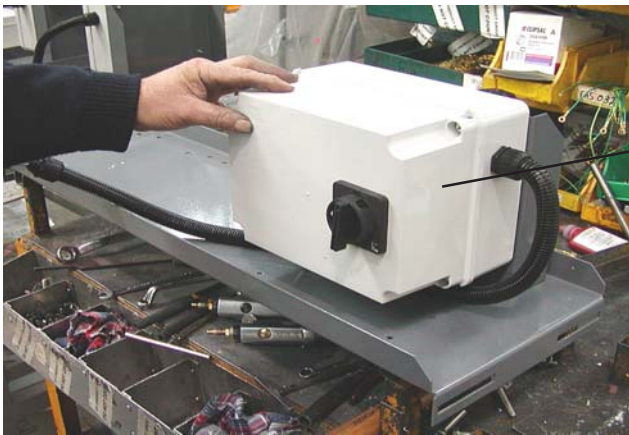


## Prepare Motor and Controls. Step 1 of 4.



Place Motor Platform to a suitable work bench.




Note: Control box mounting holes.



Place Control Box and water pump assembly to motor platform.



Securing Control Box panel to Motor Platform.

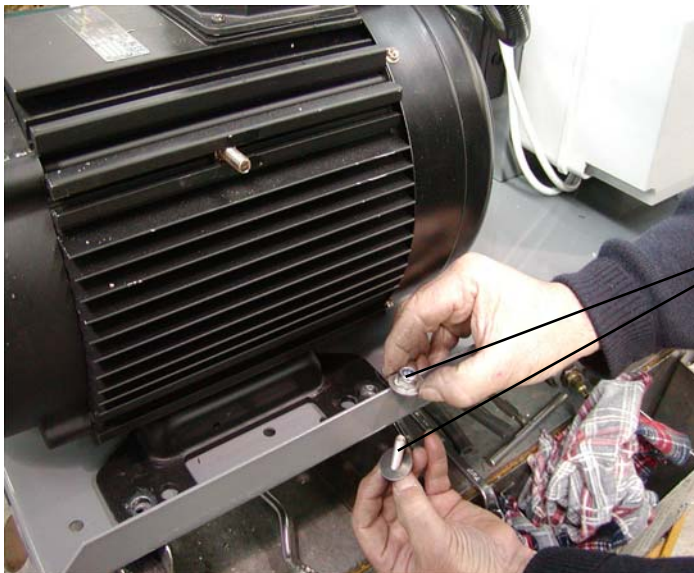
| BOLT   | NUT   | WASHER  |
|--|---|---|
|  |  |  |
| M6x20<br>P/No 628226   | M6<br>P/No 628271   | 6x14mm<br>P/No WAS029   |



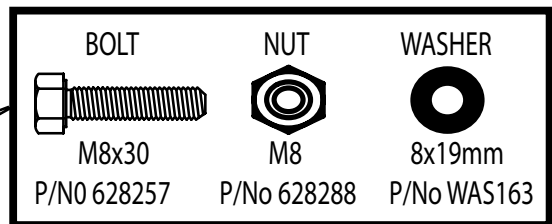
**Prepare Motor and Controls. Step 2 of 4.**



Use crane and fit electric motor to platform, align holes and secure with supplied fasteners.



Secure Motor to Platform.



Repeat for all 4 motor mounting bolts.  
Ensure motor is square to Platform.  
Tighten all bolts.





**Prepare Motor and Controls. Step 3 of 4.**

Feed seven wires from the electrical control box wiring loom through the motor terminal cover opening. Attach all wires and secure motor terminal cover.



Motor terminal cover.  
Wiring loom to electrical control box.  
Gland

Wire connection.

**For low speed** connect.

- Wire, tag numbered 1 to U1
- 2 to V1
- 3 to W1

**For high speed** connect.

- Wire, tag numbered 4 to W2
- 5 to U2
- 6 to V2

**Connect earth wire to motor casing earth point.**



Cable tie wire loom to Motor Platform.

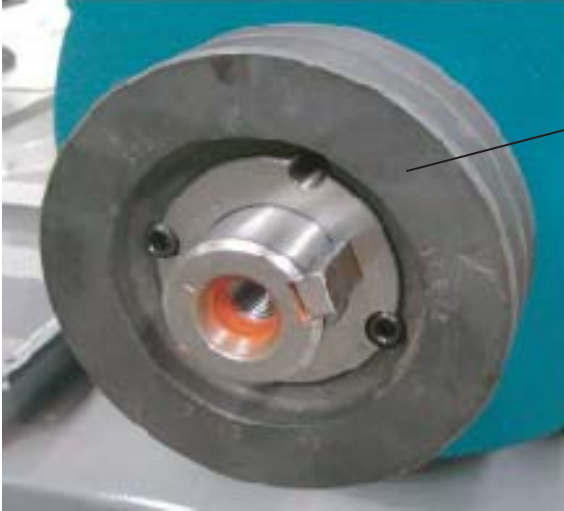






**Prepare Motor and Controls. Step 4 of 4.**

**Motor Pulley Attachment**



The motor pulley attaches to the motor shaft via a Taper Lock Bush screwed to the Pulley.

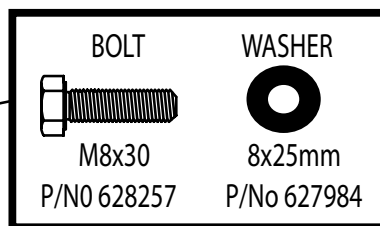
Do not fully tighten Bush locking screws now, Pulley may need to move on shaft to align V-Belts.



Use crane to install Motor Platform to Base Channels.

Base Channel.

Secure Motor Platform to Base Channels.



At this stage do not fully tighten. Refer to notes Belt Tension, P19.

**Note:**

Fully tighten all Bolts securing Base Channel to Base frame.

Repeat same for opposite side.



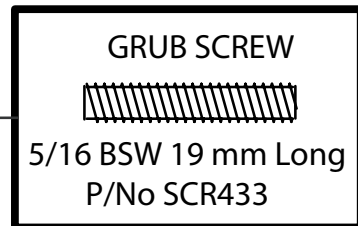
### Fan Pulley Attachment.



Fit 460 mm Aluminium Pulley to the fan shaft.



Apply small amount Loctite 222 (not supplied) to Grub screws.  
Total 3 Grub screws.



Tighten All screws.

Allow shaft to extend approx 15mm passed pulley.

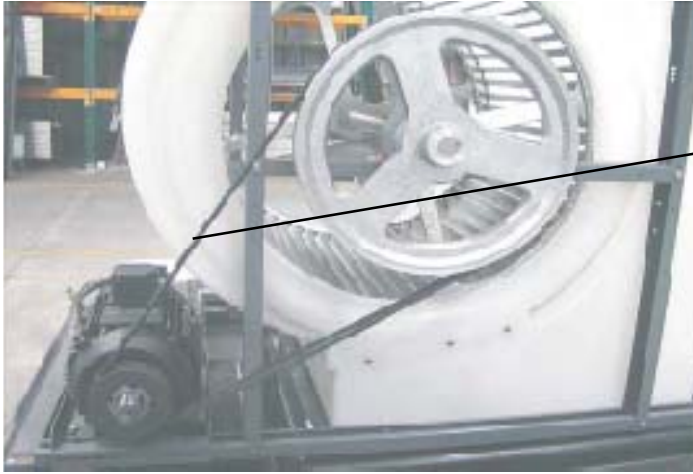
Use suitable straight edge, align Fan Pulley to Motor Pulley.

Align Fan Pulley and Motor Pulley.

**Lock Screws on Motor Pulley Taper Bush.**



**Fit and Tension V-belts.**



Fit two A91 supplied belts.



Apply tension to belts.

Tighten all bolts.

Repeat same for opposite side.



Use a suitable belt tension measuring tool, Set for recommended belt tension.

Deflection (cm) 1  
Force (Kg) 1.5/1.7

If belt tension is not correct, loosen bolts and move Motor Assembly, re-tension and tighten bolts.

### Fitting the Water Pumps.

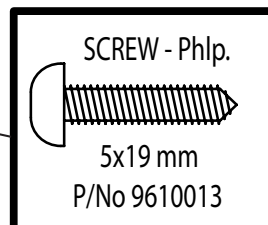


Position the two pumps at the corner of the tank, nearest control box.

Use pump brackets as template drill 4 mm holes.



Secure pumps with supplied screws.

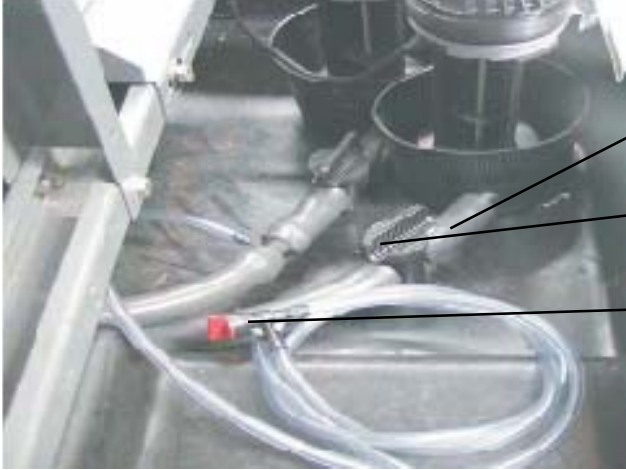


Ensure pumps leads are out of water.

Secure pumps leads with supplied cable ties, P/No FAS 213.



**Connecting the water system.**



Connect water hoses to pumps.




Restrictor Valve.

Bleed Tap assembly, (see later notes p40).

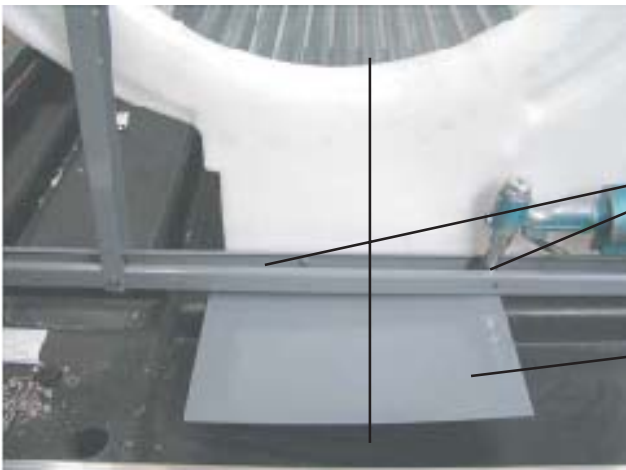
**Connecting the Water Inlet and Float**



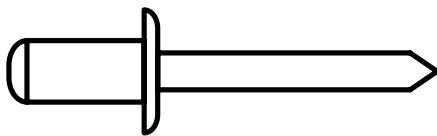
Secure with supplied fasteners.

|  |   |  |
|--|---|--|
| BOLT<br><br>M6x20<br>P/No 628226 | NUT<br><br>M6<br>P/No 628271 | WASHER<br><br>6x14mm<br>P/No WAS029 |
|--|---|--|

**Installing the Anti-Vortex panels.**



Remove plastic film from panel, and secure with supplied rivets.

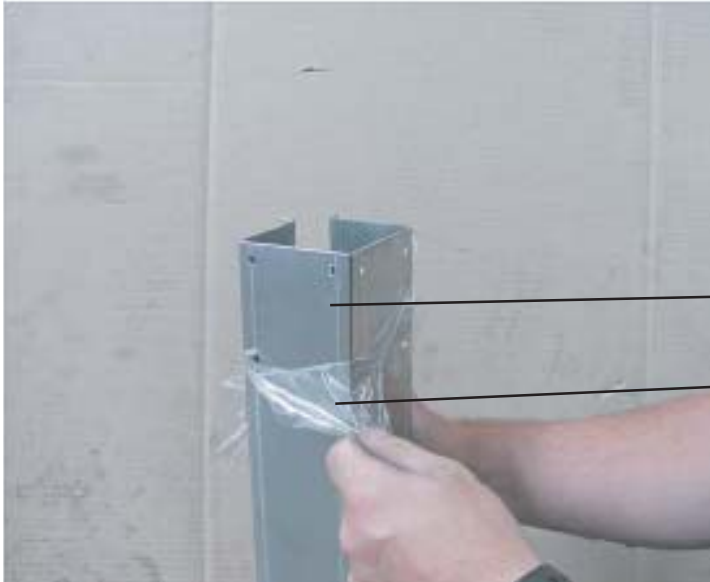
|  |
|--|
| RIVET 5X12 mm P/No FAS 032<br> |
|--|

Note: Align Centre of Anti-Vortex panel to fan housing.

Repeat same for opposite side.



### Corner Pillar Installation.



Remove plastic protective film.

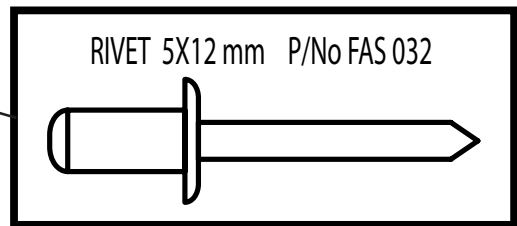
Corner Pillar.

Plastic protective film.



Rivet Corner Pillar to Base Frame.

Note: Hole location on corner pillar.



At this stage two rivets only, other rivets will be fitted, when cooler is squared, see notes Final Riveting P39.

Repeat for all corners of Base Frame.





**Centre Rail Installation.**

Corner Pillar.

Centre Rail.

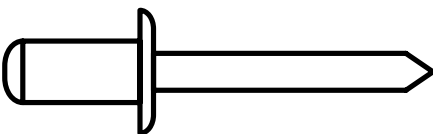


Align two tabs on Centre Rail to slots on Corner Pillar.



Apply silicone to folded tag.

RIVET 5X12 mm P/No FAS 032



One Rivet, for each end.

Repeat same for other end.





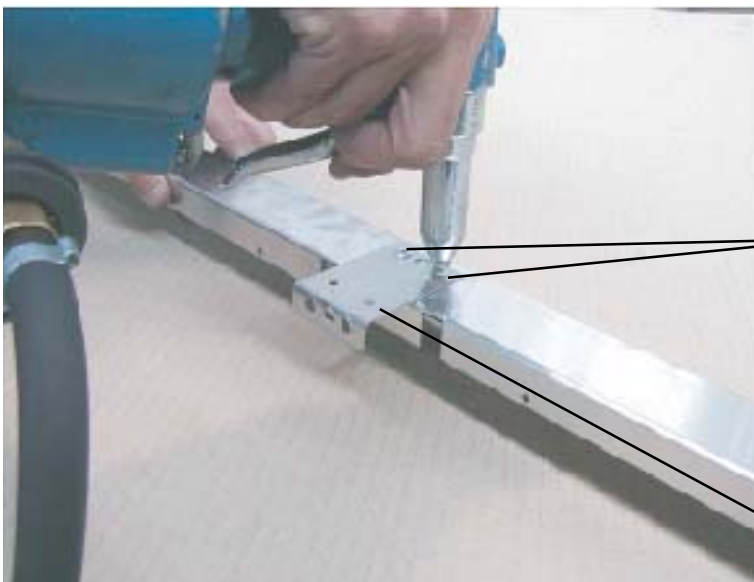
**Top Rail Installation. Step 1 of 2.**



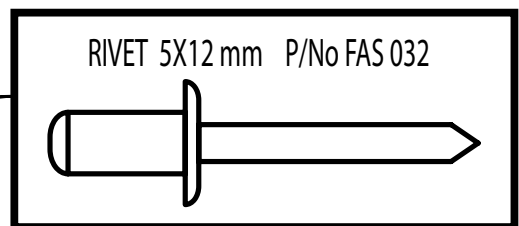
Note: Tab at each end of rail.

Remove protective plastic cover.

Fit Universal Bracket to Top Rail before fitting to Corner Pillar.



Rivet Universal Bracket to Top Rail.



Two Rivets.

Universal Bracket P/No 626567.







**Top Rail Installation. Step 2 of 2.**



Fit Top Rail to Corner Pillar.

Align one tab on Top Rail, to slots on Corner Pillar.

Ensure Top Rail is hard against Corner Pillar.



Use suitable pliers twist Top Rail end tab inside Corner Pillar. This to ensure that assembly will not dislodge.



Top Rail.

Centre Rail.

Repeat same for all Top Rails.





**Bottom Rail Installation.**

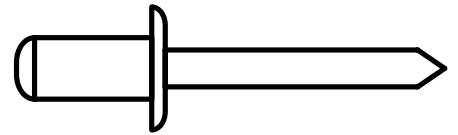


Bottom Rail.

Base Frame.

Place Bottom Rail to inside edge of Base Frame and Rivet, to eight points.

RIVET 5X12 mm P/No FAS 032



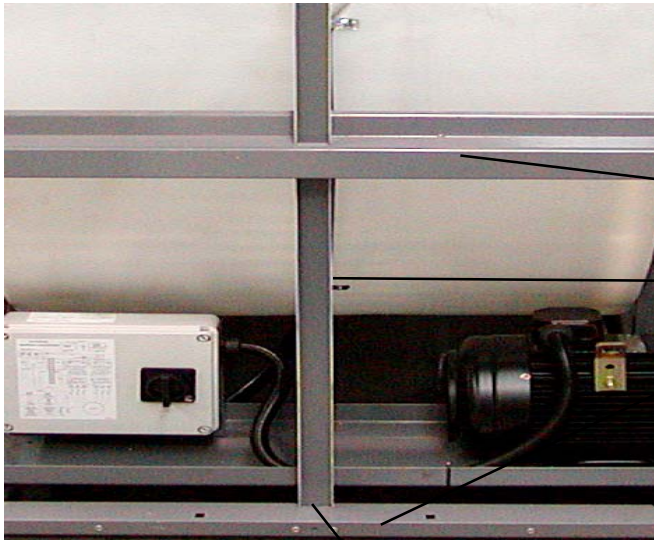
Repeat same for other three sides.

**Completed Assembly  
Top, Centre and Bottom Rails.**





## Centre Pillar Installation



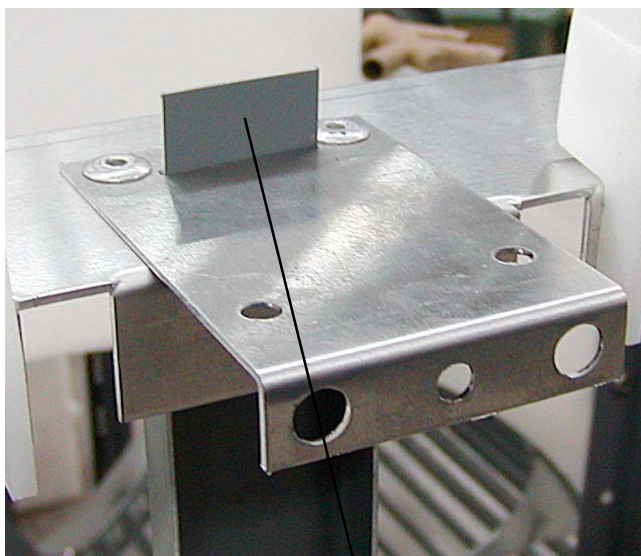
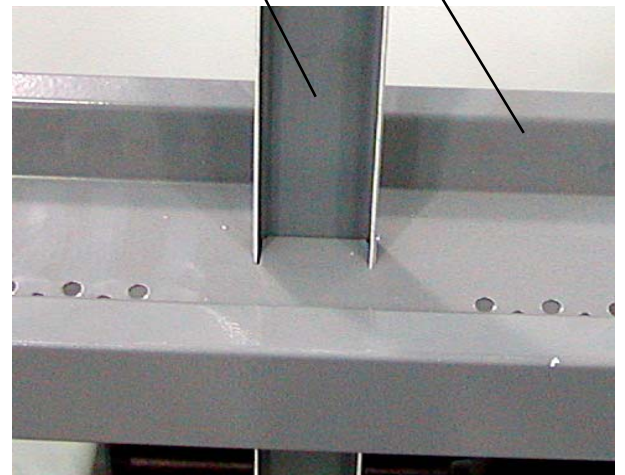
Select Centre Pillar and slide through Centre Rail slot.

Centre Rail.

Centre Pillar.

Bottom Rail.

Ensure Centre Pillar end tab slots to Bottom Rail.



Do not fold tab.

Slightly raise centre of Top Rail, until Centre Pillar end tab passes through slot.





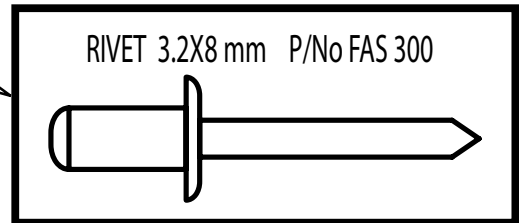


### Water Spreader Installation.

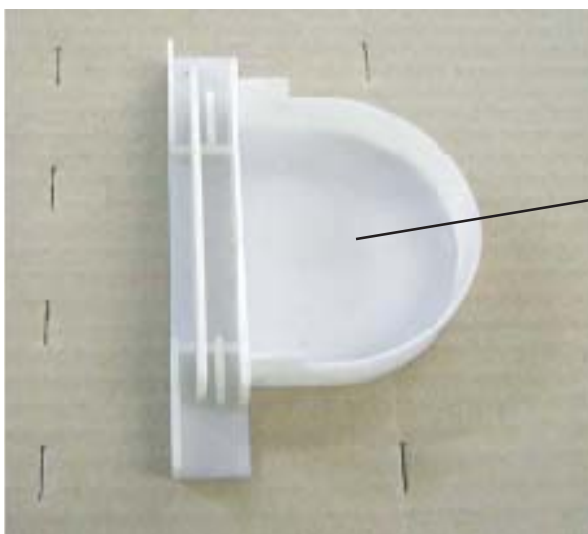


Water Spreaders.

Align holes on Water Spreader to Top Rail and Rivet.



Repeat same for other three sides.



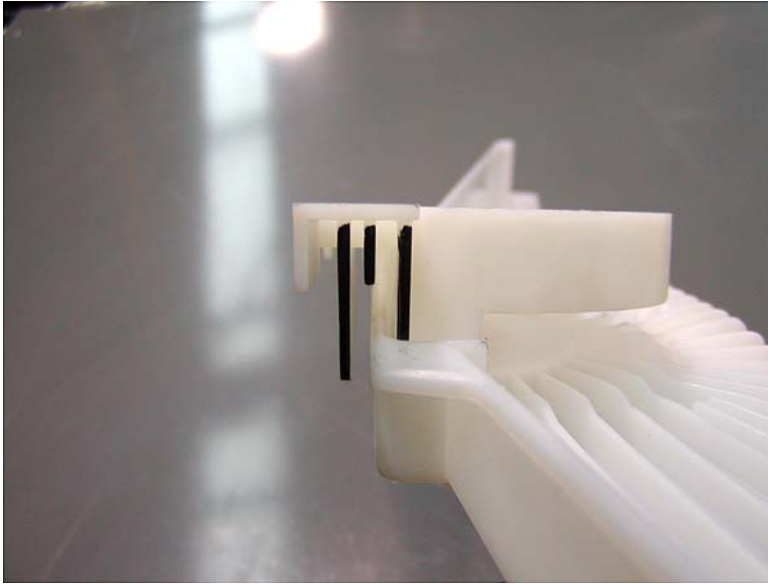
Water Distributor Cap.





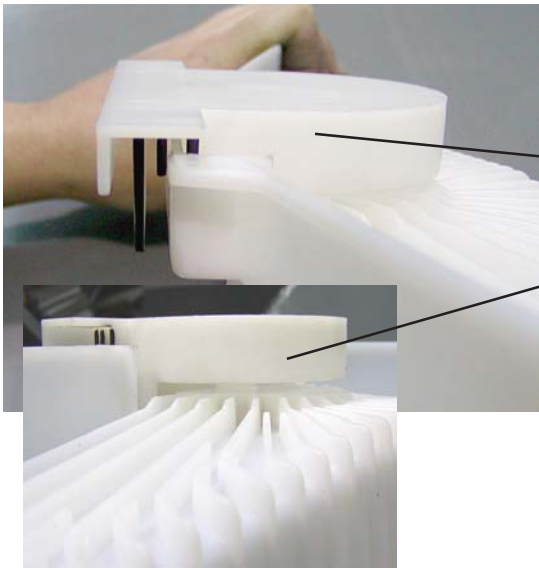


**Distributor Cap Installation.**



Fit Distribution Cap to top of Water Spreader.

No securing is required, ensure cap is tightly pressed in position.



Repeat same for all Water Spreaders.

Note: Position of Distribution Cap to Water Spreader.

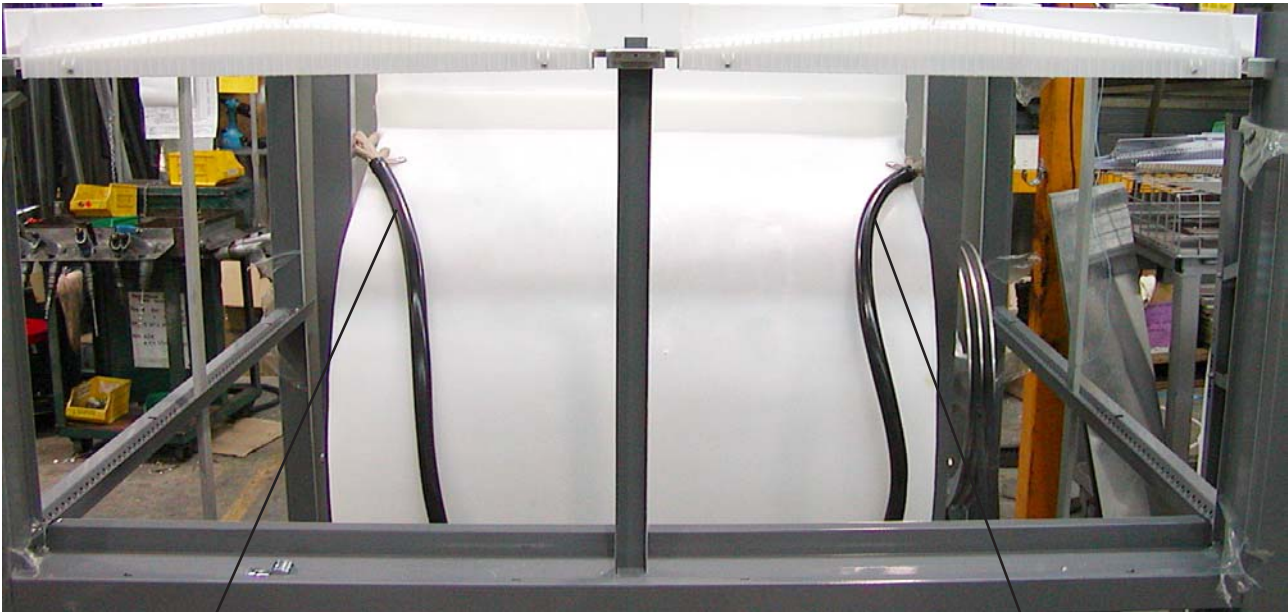
Complete assembly of Water Spreaders and Distributor Cap. Repeat same for other three sides.





**Water Distribution Connection. Step 1 of 2.**

Cooler is fitted with two Water Pumps.



L/H side Water Pump supply hose.

R/H side Water Pump supply hose.

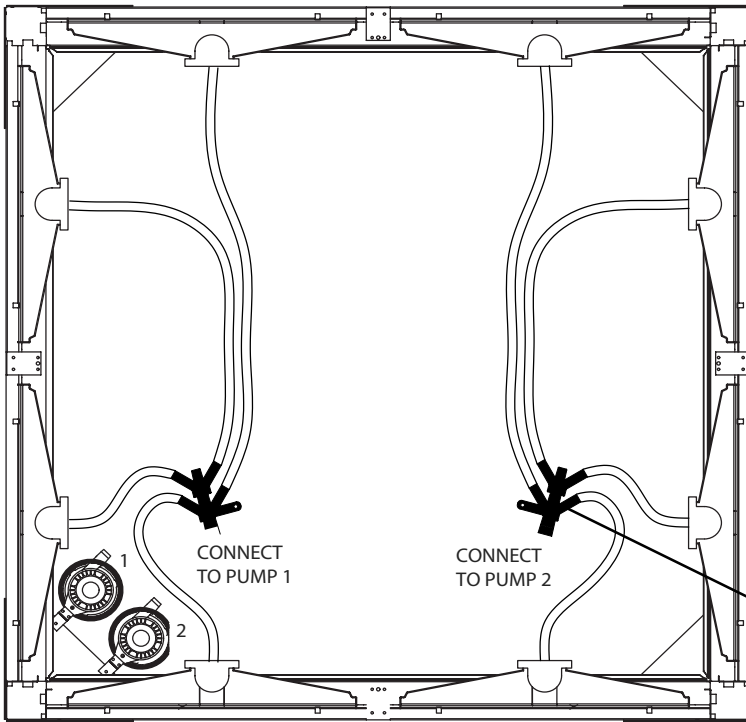


Typical hose connection to Water Spreaders Inlet. 8 places.





**Water Distribution Connection. Step 2 of 2.**



Water Pump (2)  
Supply hose.

Fit saddle to secure four  
way Distributor.

**Typical Hose Connection to  
Water Spreaders. D&T Models.**



Incorrect length  
Water supply hose.

Hoses may  
need to be  
trimmed  
to suitable  
length.



Hoses when fitted  
should not touch pads.

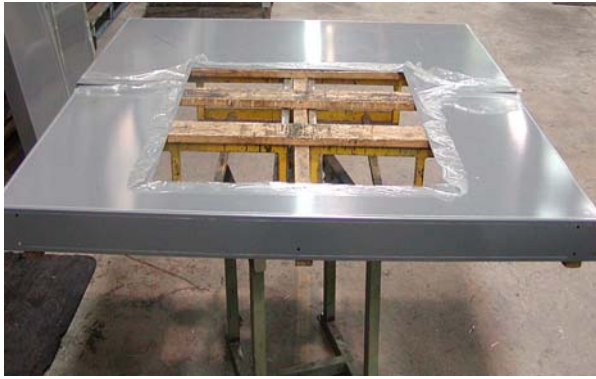
Repeat same for All water supply Hoses.







### Installing Cab Top Blanking Cover.



1

Select T Model Cabinet Top, place to suitable work frame.

2



Remove film from cut out.

3



Apply small bead of Silicone along cut out inside line of rivet holes.

4



Fit Cab Top Blanking Cover.

5



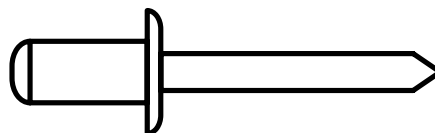
Check alignment, for rivet clearance holes.

6



Rivet Blanking Cover to Cab Top.

RIVET 5X12 mm P/No FAS 032

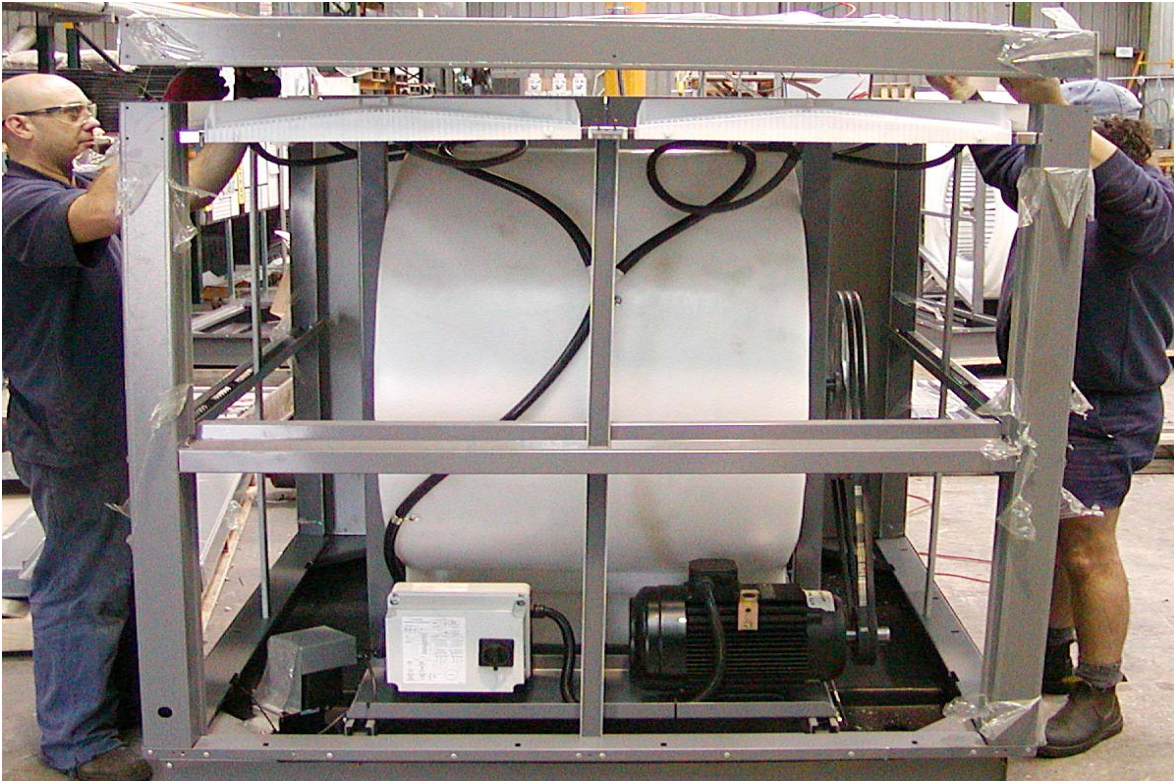




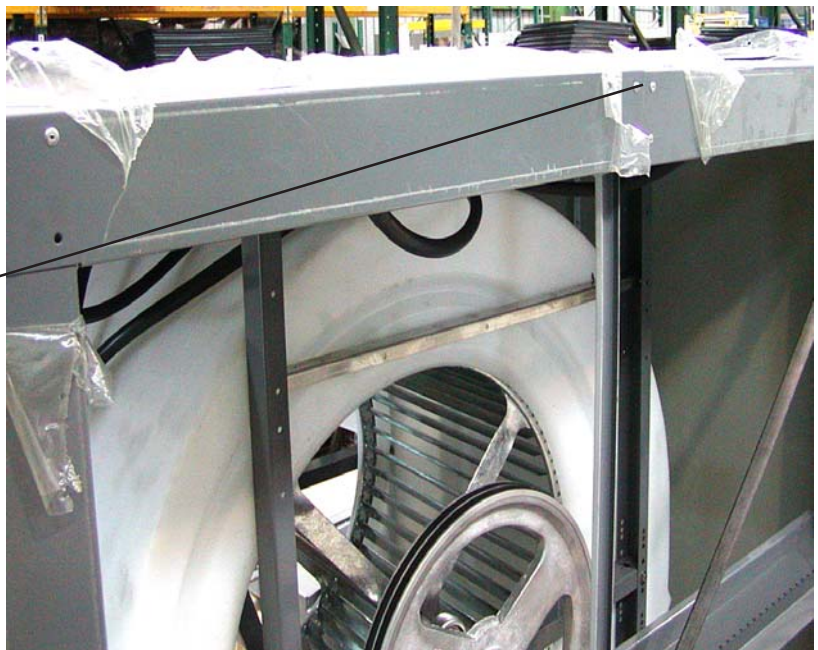


**Cabinet Top Installation. Step 1 of 2.**

Place Cabinet Top onto Corner Pillars.

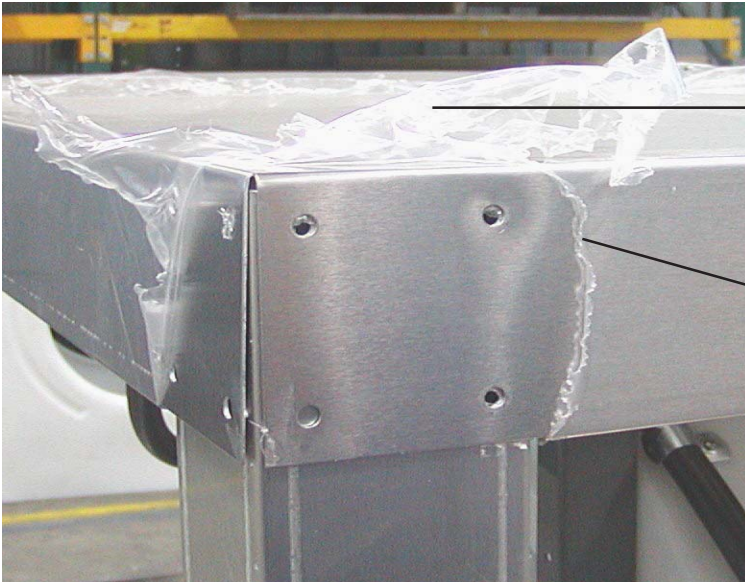


Note: Position of  
Cabinet Top  
joined section.





**Cabinet Top Installation. Step 2 of 2.**

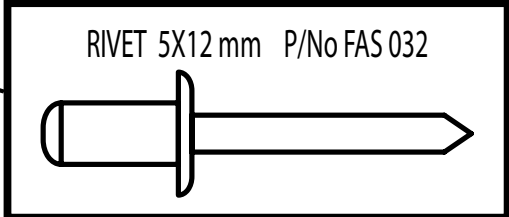


Cabinet Top.

Remove plastic protective cover from corners of Cabinet Top.



Rivet Cabinet Top Corners.



At this stage two rivets only.

Other rivets will be added when cooler is squared. See notes Final Riveting P39.

Repeat same for all corners.







**Squaring the Cooler for Final Assembly.**



Use Supplied Braces to diagonally square cooler.

Fit all 4 Braces



If necessary drill 5 mm hole to clear aligning holes.



Distance between hole centres 1868mm.





**Cabinet Top Final Assembly. Step 1 of 3.**



Top Channel.

Drill two 12.5mm holes through Top Channel and Cab Top.

Drill one 6mm hole to centre Top Channel.

Note: Use 12.5 and 6 mm holes on Top Channel as guide.

Repeat same for other side.



Place plastic Washers between Cabinet Top and Top Channel.

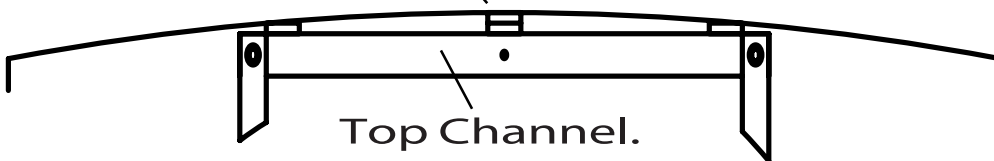
Place one Washers at each end.



Two washers to centre.



Dome effect to Cab Top, for water run off.



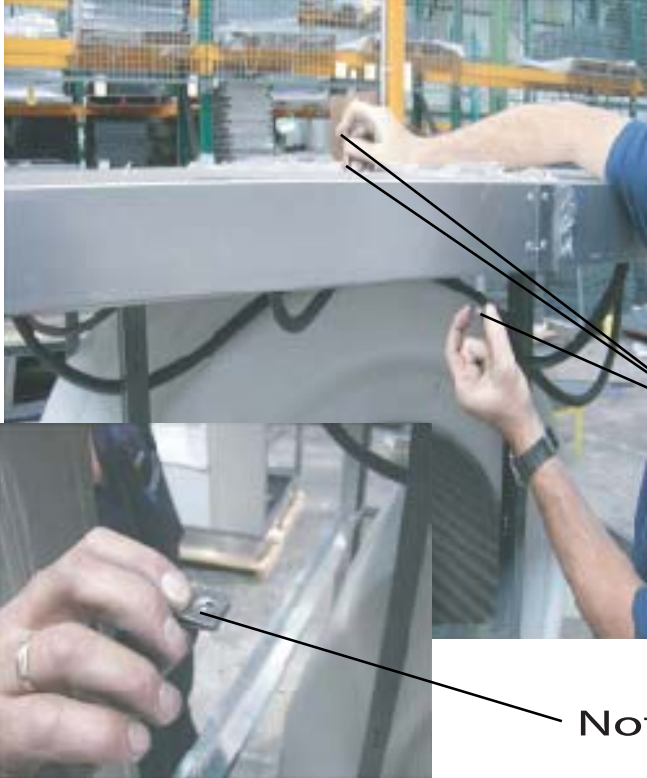
Top Channel.

Note: Number of washers may vary, between coolers.

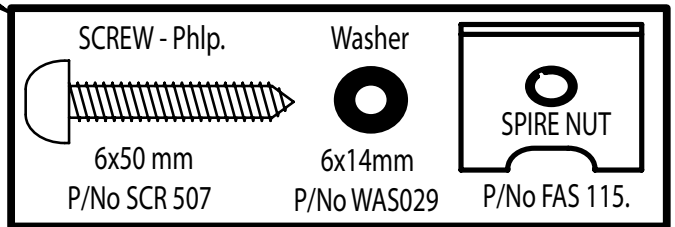




**Cabinet Top Final Assembly. Step 2 of 3.**



Fit screw and washer, to centre hole of Top Channel, through to plastic washers and Top Channel.



Note: Position of Spire Nut.



Screw (air) driver.

Pliers.

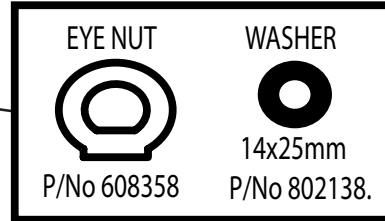
Use suitable pliers to hold Spire nut.

Secure Cabinet Top.

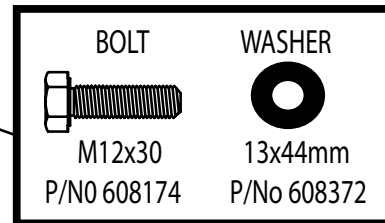
Repeat same for opposite side.

**Cabinet Top Final Assembly. Step 3 of 3.**

Attach Lifting Eyenut to Cooler



Fit washer under Eyenut.



Fit bolt and washer, thru 12.5 mm holes in Top Channel, through two plastic Washers, Cabinet Top and Eyenut.



Secure and tighten.



Repeat same for other three lifting Eyenuts.

When completed, remove all squaring braces.

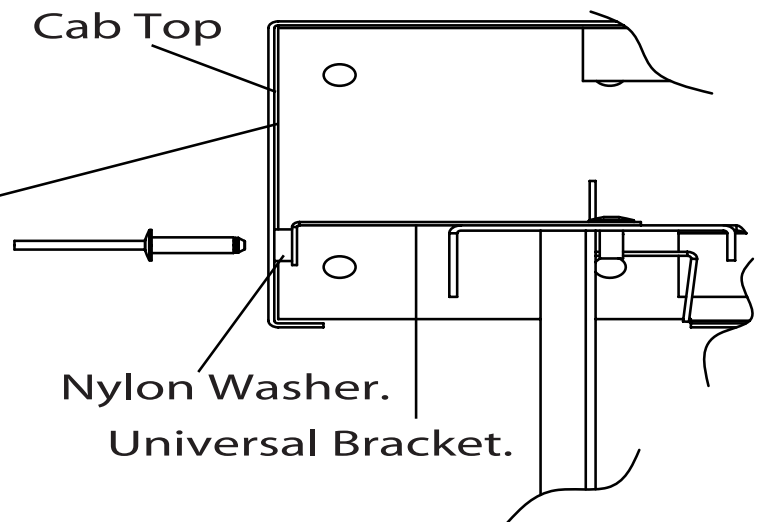
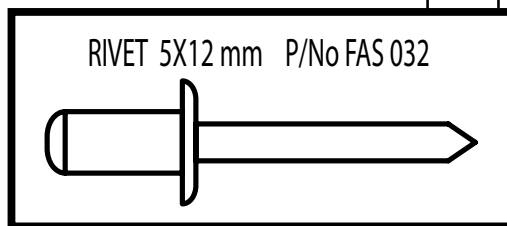


### Final Riveting



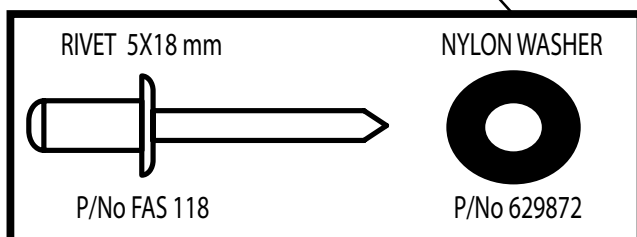
Rivet to four Cabinet Top corners.

Rivet the four Corner pillars at the Base Frame. If necessary drill 5mm to clear holes.



Fasten thru Cabinet Top Rail and Bracket.

Fit Nylon Washer between Cab Top and Universal Bracket.



Repeat same for other three sides.



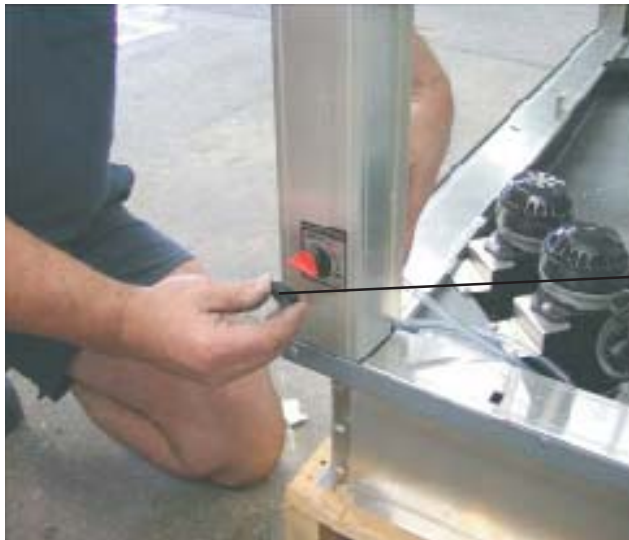




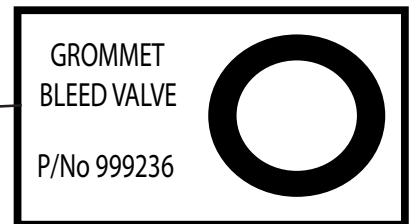
### Installation of Bleed Valve.



Place Bleed Sticker on Corner Pillar over hole



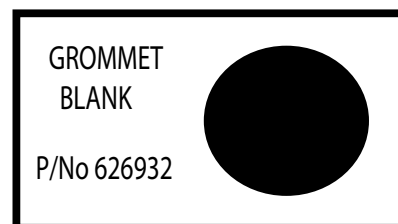
Pass bleed tap valve through hole opening and fit rubber Grommet over valve body.



Note: Apply some White Petroleum Jelly, or other similar lubricant to Grommet for ease of installation.



Cable tie bleed hoses together.



Fit Blank Grommet to other three holes.



## Clean and Test Cooler.

- Step 1: Check that all fasteners are tightly secured, and all riveting is completed.
- Step 2: Remove all plastic covering from panels.
- Step 3: Vacuum clean inside tank.
- Step 4: Use cloth and suitable cleaning solution, wipe down inside and outside of cooler.
- Step 5: Set overloads for High and Low speeds, as per electric motor ratings.
- Step 6: Test cooler for normal running conditions. refer to Appendix 1 - RPX Test Procedure
- Step 7: Apply Serial Number to unit.
- Step 8: Fit pads to cooler.



Completed RPX 900D



## Washers part numbers.



Washer 5.6x11x 0.8mm. SS  
P/No WAS031



Washer 6x14x1.2mm. SS  
P/No WAS029



Washer 8x19x1.2mm. SS  
P/No WAS163



Washer 9x25x1.5mm. SS  
P/No WAS035



Washer 14x25x1.5mm. SS  
P/No 802138



Washer 13x44x2.5mm G/Bond  
P/No 608372



Washer 6.5x50 x5mm Poly.  
P/No WAS 121



Washer 13x50x5mm Poly.  
P/No 608303



Washer 9x25x2.5mm G/Bond  
P/No 627984

Nylon Washer  
P/No 629872



Spire nut U type  
P/No FAS115







## Bolts and nuts part numbers.



Bolt M6x20. SS.  
P/No 628226



Bolt M8x20. SS.  
P/No 628240



Bolt M8x30. SS.  
P/No 628257



Bolt M12x30. SS.  
P/No 608174



Grub screw 5/16 BSW 19mm long.  
P/No SCR433



Eyenut M12  
P/No 608358



Nut M6 Nyloc SS.  
P/No 628271



Nut M8 Nyloc SS.  
P/No 628288

Note:  
Stainless steel bolts and nuts are used in the assembly of coolers. A thread lubricating compound anti seize should be used at assembly.

Anti Seize not supplied.





## Screws and rivets part numbers.



Screw 19x5mm Phlp. SS.  
P/No 9610013



Screw 50x6mm Phlp. SS.  
P/No SCR507



Screw 25x6mm Phlp. SS.  
P/No SCR 384



Wafer Screw 25x4mm Phlp.  
P/No SCR506



Rivet 5x18mm Al.  
P/No FAS118



Rivet 3.2x8mm Al.  
P/No FAS300



Rivet 5x12mm Al.  
P/No FAS032



Rivet 5x25mm Al.  
P/No FAS204

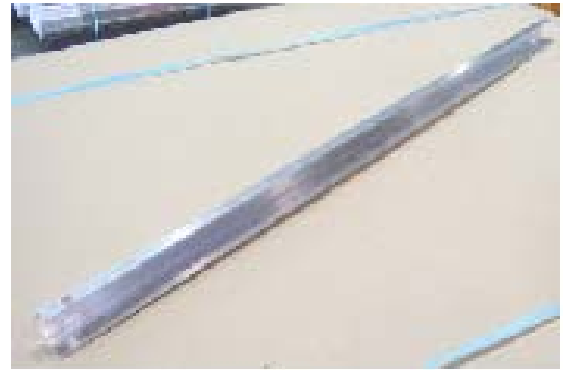




## Panels part numbers.



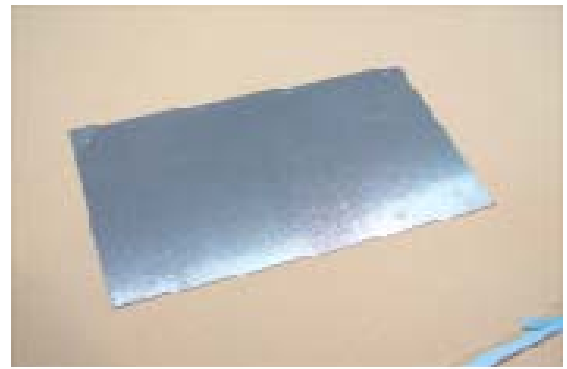
**Bottom Rail**  
P/No 626789



**Top Rail**  
P/No 626482



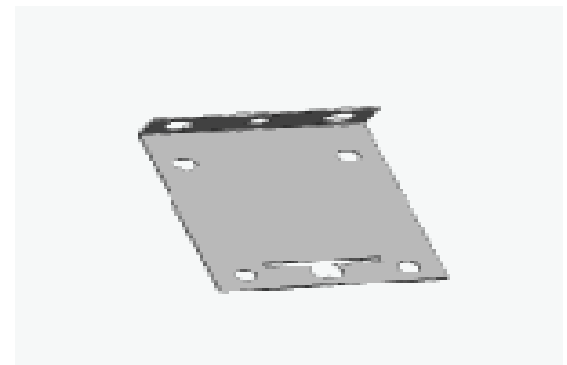
**Centre Rail**  
P/No 626772



**Anti Vortex**  
P/No 627229



**Corner Pillar**  
P/No 626697



**Universal Bracket**  
P/No 626567







## Panels part numbers, cont.



Motor Platform  
P/No 623184



Centre Pillar  
P/No 627892



Water spreader  
P/No 506609



Top/Bearing Channel  
P/No 623139



Flashing Angle.  
P/No 100152



Base Channel  
R/H P/No 623160  
L/H P/No 627168





# Misc. part numbers.



Label Bleed Control.  
P/No 998053.



Label Serial Number.  
P/No 025101



Label O/Load Instructions.  
P/No 111500



Grommet Blank.  
P/No 626932



Grommet Bleed Valve.  
P/No 999236



Cable Tie 140mm.  
P/No FAS213.



125 x2A Mtr Pulley.  
P/No 626987.



Bush Taper Lock..  
P/No 822044.



460mm Pulley.  
P/No 111500





## Misc. part numbers, cont.



Overflow Assy.  
P/No 609737.



2 Speed switch Assy.  
P/No 626680



Mounting block.  
P/No 200103



A Section V Belts.  
P/No Vba91.



Silicone Sealant.  
P/No MIS508.



Down Discharge  
Template cutout.



Distance between pin centres 1868mm.

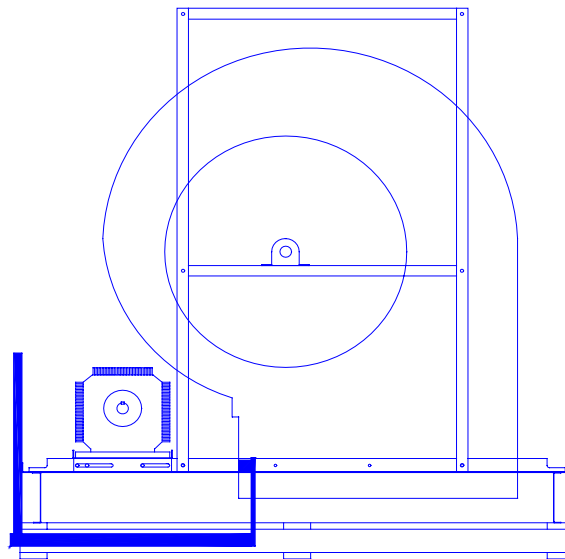
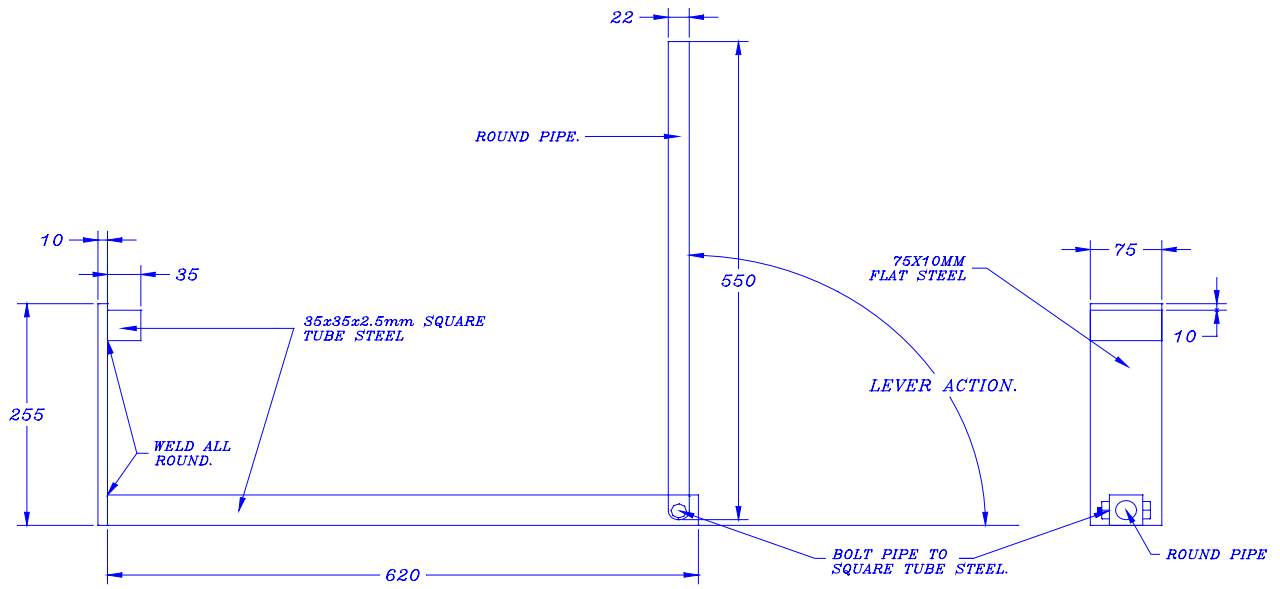
Diagonally square braces.







## Special jig to assist when securing Flashing Angle to Fan Housing.



**Note: Cooler must be on pallet**

**Place tool to centre of cooler, lever upwards to push inside of fan housing to flashing angle.**



**RPX 900 'D' KIT.**



**RESERVOIR, BASE FRAME AND ACCESSORIES.**



**FAN HOUSING AND 'H' FRAME ASSEMBLY.**



**RPX 900 'D' KIT.**



**CABINET TOP 'D' ASSEMBLY.**

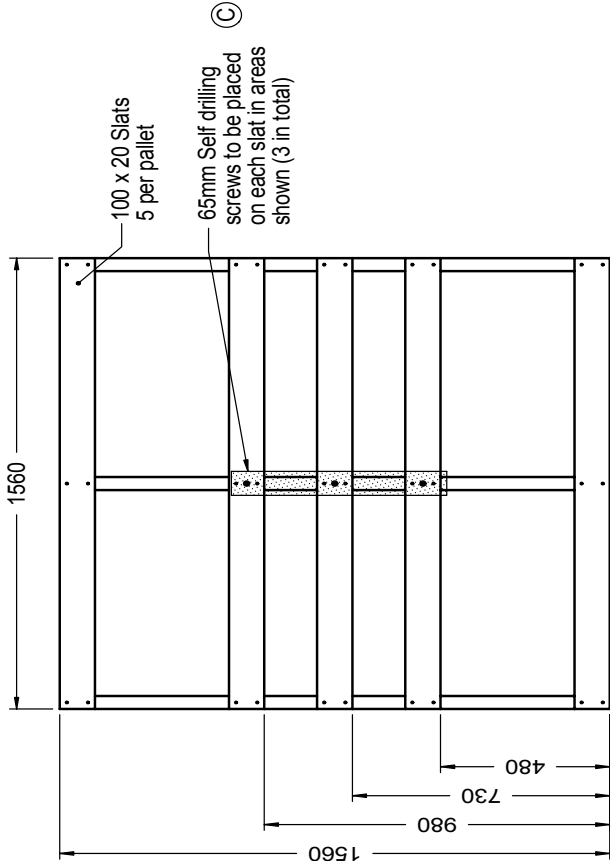
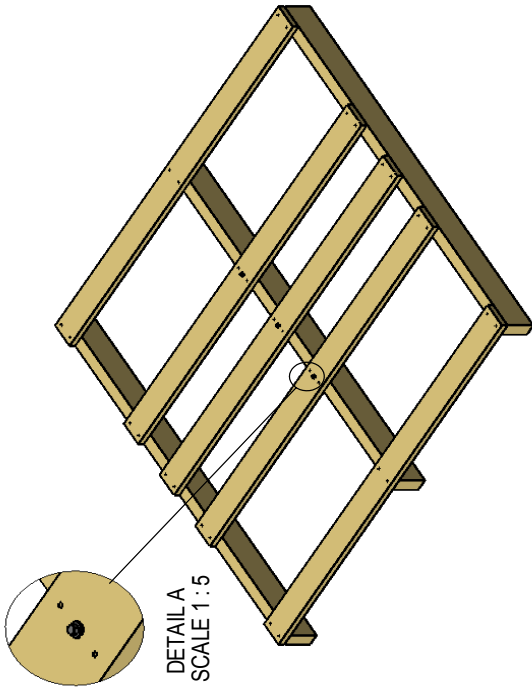


**PADS ASSEMBLY.**

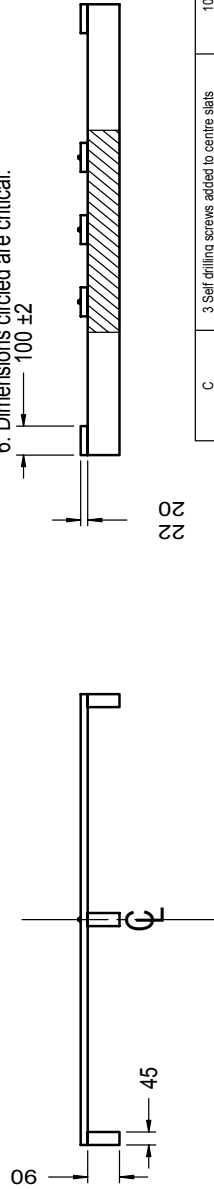


**HARDWARE KIT 9655147.**

# RPX PALLET SPECIFICATIONS



- NOTE:**
1. Pallet to be made from suitable timber unless otherwise specified.
  2. Nails Min. 75mm glued type & punched below surface.
  3. Sizes stated for slats & blocks are Min. required & to be parallel within 2mm of thickness.
  4. Bearers to be free from defects, as shown by shaded area, that adversely affect strength of pallet.
  5. Any changes to pallet requires authorisation from Braemar Engineering.
  6. Dimensions circled are critical.

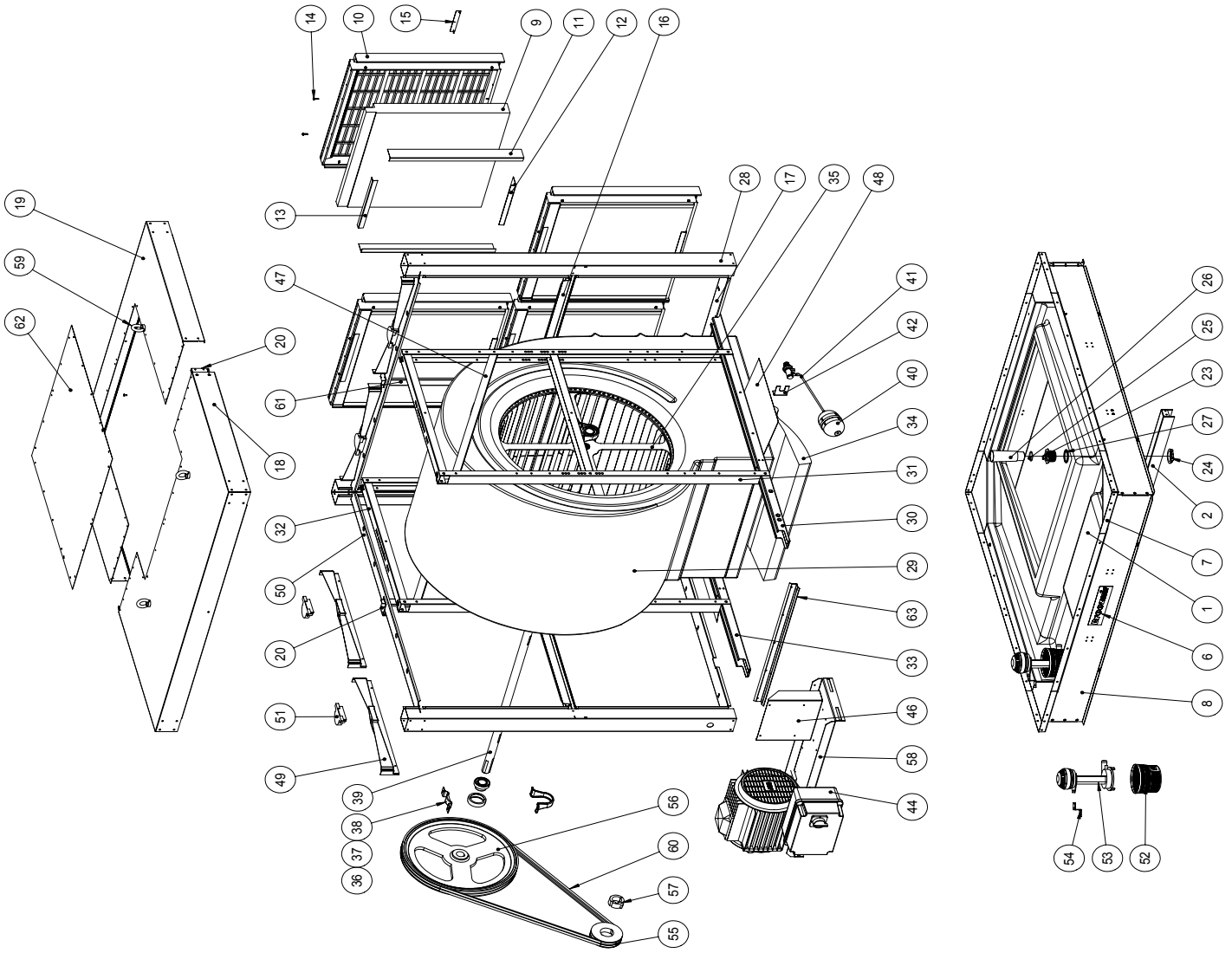


|      |  |      |            |     |     |
|------|--|------|------------|-----|-----|
| REV. | DESCRIPTION                                  | ECN  | DATE       | DRN | APP |
| C    | 3 Self drilling screws added to centre slats | 1046 | 24/03/2004 | RJK | DP  |
| B    | Redrawn to current specifications            | NA   | 4/12/98    | RJK |     |
| A    | Production Release                           | NA   | 10/8/95    | DP  |     |

|   |  |   |  |  |  |
|---|--|---|--|--|--|
| SUPPLIER: Aspect packaging<br>MATERIAL: Rough Sawn Pine<br>Drawing Loc: Z:\Vault\10000000 To: r69999\part Files<br>Part Loc: Z:\Vault\10000000 To: r69999\part Files\100601 |  | GENERAL TOLERANCE<br>LINEAR ± 0.5mm ANGULAR ± 30°<br>FINISH: NATURAL U.O.S. |  | ALL DIMENSIONS SHOWN ARE<br>OUTSIDE AND IN MILLIMETRES<br>UNLESS SHOWN OTHERWISE |  |
| This drawing is the property of Seeley International and must not be reproduced or copied without the written consent of the proprietors of the copyright.                  |  | Pallet - 1560 x 1560  |  | DRG NO<br>100601   |  |
| 77 North Street, Albury N.S.W.<br>www.braemar.com.au<br>TEL (02) 60411611<br>FAX (02) 60412208  |  | PARTS/BLANK -<br>CHKO -   |  | UNIT REF<br>RPARPX 700/900   |  |
|   |  |   |  | DRN<br>DP  |  |
| PRINTED: 15/07/2005   |  | DATE<br>10/08/1995  |  | SCALE<br>1:1   |  |
|   |  |   |  | SHT 1 OF 1<br>REV C  |  |



# RPX 900D EXPLODED VIEW



| ITEM NO. | PIN    | DESCRIPTION                                | QTY |
|----------|--------|--|-----|
| 1        | 100121 | Reservoir - Poly                           | 1   |
| 2        | 623893 | Channel - Reservoir Support                | 1   |
| 6        | 855288 | Label Breezar                              | 2   |
| 7        | 627854 | Base Frame Assy - Painted                  | 1   |
| 8        | 623848 | Base Fra e Support                         | 4   |
| 9        | 626727 | Pad-Small Cabinet 587Wx385Hx60D            | 16  |
| 10       | 505732 | Pad Frame EAS I Grey                       | 16  |
| 11       | 627816 | Angle PFA 55 x 21 x 546mm                  | 32  |
| 12       | 627809 | Angle Bottom PFA 55 x 21 x 250mm           | 16  |
| 13       | 627823 | Angle PFA 21 x 21 x 300mm                  | 16  |
| 14       | SCR266 | Streaker N88 x 5/8 S/S                     | 128 |
| 15       | 513809 | Label "Breezar" EA Pad Frame               | 16  |
| 16       | 627885 | Centre Rail - Painted Grey                 | 4   |
| 17       | 627915 | Bottom Rail GREY                           | 4   |
| 18       | 628455 | Cabinet Top Common "T"                     | 4   |
| 19       | 628479 | Cabinet Top Rear RPB1000" T"               | 1   |
| 20       | 626667 | Bracket Universal                          | 6   |
| 23       | 535600 | Bush Funnel 1 1/2" BSP                     | 1   |
| 24       | 535401 | Nut 1 1/2" BSP                             | 1   |
| 25       | 804415 | O Ring BS128 1 1/2" x 3/32"                | 1   |
| 26       | 608884 | Overflow Pipe-40mm                         | 1   |
| 27       | 200105 | Washer Rubber 58*48                        | 1   |
| 28       | 627922 | Pillar Cnr Grey 82x82x64                   | 4   |
| 29       | 111401 | Blower Housing 16/19                       | 1   |
| 30       | 623160 | Base Channel RH - Painted                  | 1   |
| 31       | 626710 | Channel - Vertical Painted                 | 4   |
| 32       | 623139 | Channel Bearing & Top Pfd                  | 4   |
| 33       | 627168 | Base Channel RH - Painted                  | 1   |
| 34       | 100150 | Cut Off 16/19                              | 1   |
| 35       | 111455 | Blower Wheel Assy 16/19 1 1/4"             | 1   |
| 36       | 067004 | Bearing - 1 1/4" inc Locking Collar        | 2   |
| 37       | 067002 | Rubber Insert 1 1/4"                       | 2   |
| 38       | 067003 | Bearing Housing 1 1/4"                     | 2   |
| 39       | 100240 | Shaft 1 1/4" x 960mm SS                    | 1   |
| 40       | 023802 | Float 4"                                   | 1   |
| 41       | 023803 | Float Valve 1/2"                           | 1   |
| 42       | 616056 | Bracket Water Inlet                        | 1   |
| 58       | 623184 | Motor Plator 700/900 Pfd                   | 1   |
| 44       | 100155 | Isolation Box 3PH Large                    | 1   |
| 45       | 111221 | Motor 4.5KW 3 Phase 2 Speed                | 1   |
| 46       | 628881 | Mount Isolation Box Painted                | 1   |
| 47       | 620892 | Brace "H" Frame Pfd                        | 2   |
| 48       | 627229 | Panel Anti-Vortex RPX                      | 2   |
| 49       | 506809 | Water Spreader S. all EA                   | 8   |
| 50       | 628482 | Top Rail - Water Spreader                  | 4   |
| 51       | 523002 | Cap Spreader IND S. all                    | 8   |
| 52       | 988293 | Pump Basket Moulded                        | 2   |
| 53       | 608807 | Pump EB 240V 50 Hz & J. Box                | 2   |
| 54       | 627236 | Bracket ERM Pu. P                          | 2   |
| 55       | 626897 | Pulley Motor 125 x 2A Taper                | 1   |
| 56       | 111650 | Pulley Fan 450 (18") x 2A x 31.75 (1 1/4") | 1   |
| 57       | 622044 | Bush TL 1610 x 38 #2                       | 1   |
| 59       | 608358 | Eyebolt Nut M12                            | 4   |
| 60       | VBA91  | Vee Belt A91                               | 2   |
| 61       | 627892 | Centre Pillar Grey                         | 4   |
| 62       | 630342 | Blanking Plate - RPX "T" Cab Top           | 1   |
| 63       | 100156 | Flashing Strip Unpainted                   | 2   |



**Wiring Diagram - Two Speed Three Phase.**

Advanced natural cooling

